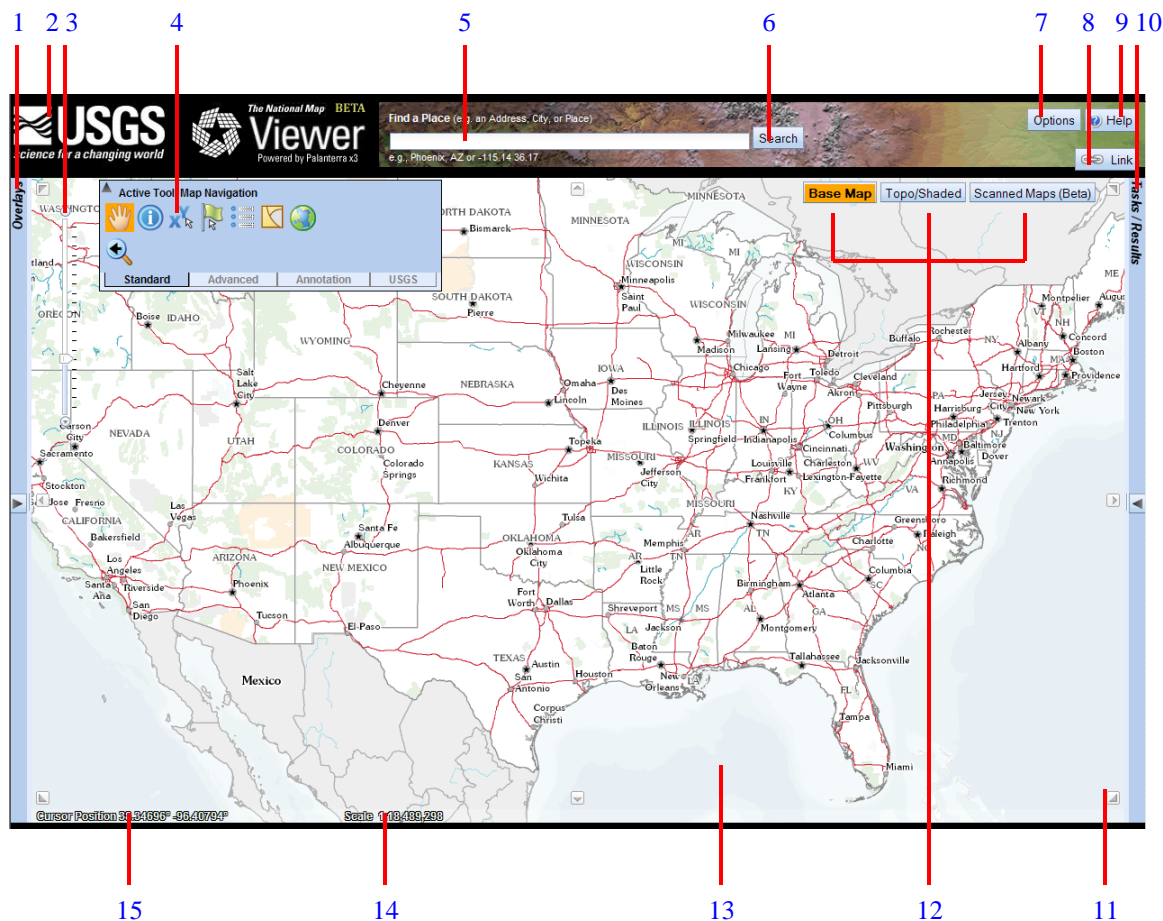# The National Map Viewer Quick-Start Guide

This document provides an overview of the interface and a quick description of some of the tools included in the Web application.

User Interface

1. The **Overlays** pane is a collection of map overlay layers. Once a layer is selected in the **Overlays** pane, it becomes visible on the map display.

2. The **USGS logo** is a link to the official USGS Web site: http://www.usgs.gov/.

3. The **Zoom slider** is used to zoom in and out on the map display.

4. The **Toolbar** consists of the following tools that can be used on the map display:
   Standard Tools: Map Navigation, Identify, Find Coordinates, Reverse Geocode, Selection Manager, Clear Graphics, Zoom to Globe, and Zoom to Last.
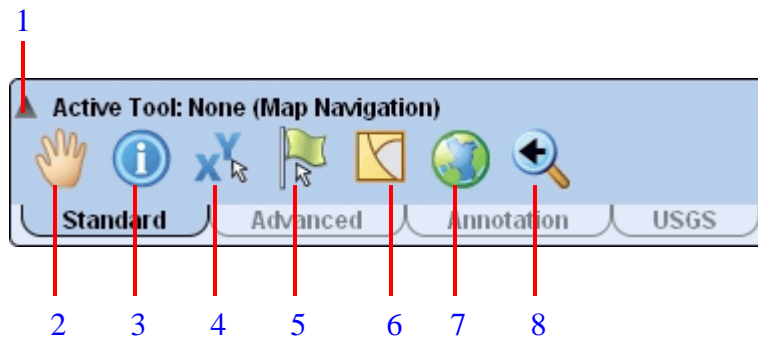
        Advanced Tools: Measure Distance, Measure Area, Add Data, Query Builder, Filter Manager, Selection Manager, Buffer by Point, Buffer by Selection, and Range Ring.
        Annotation Tools: Quick Plot, Draw Point, Line, Polygon, Text, Rectangle, Ellipse, Bound Ellipse, Delete Annotation, Export Annotation, and Upload Shape File.
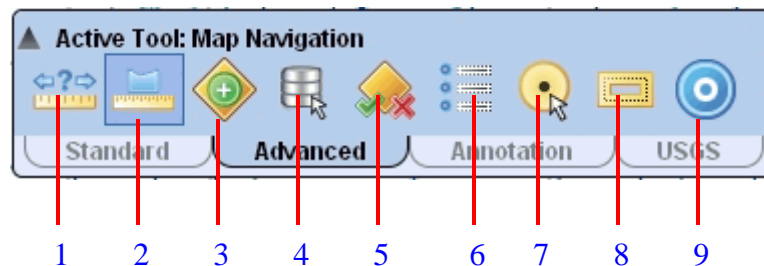   **USGS Tools:** Spot Elevation

5. **Find a Place** searches for an input value that is entered into the text box provided such as City and State.

6. The **Search** button is clicked once an input value has been entered into the Find a Place text box.

7. The **Options** button is available so you can change the coordinate display from decimal degrees to any of the following: DMS, MGRS, and USNG (NAD83).

8. The **Link** button is a permalink feature that saves the current map extent. You can copy and save this link in your preferred browser. This way, you can work more efficiently because the link is saved within your browser.

9. The **Help** button is available as a quick reference guide to assist if you have any questions while using The National Map Viewer.

10. The **Tasks/Results** pane contains search results and the download cart. The search results appear after the Search button has been clicked.

11. **Panning arrows** are used to navigate within the map display.

12. The **basemap buttons** change the basemap on the map display. For example, if the Topo/Shaded button is clicked, the topography or shaded layer will appear on the map display.

13. The **basemap** is the visible map within the map display.

14. The **scale bar** is visible by default showing the map scale at the target location.

15. The **cursor position** displays the coordinates of your current cursor position on the map display. Each time you move your mouse pointer on the map display, the coordinates will change to reflect this movement.
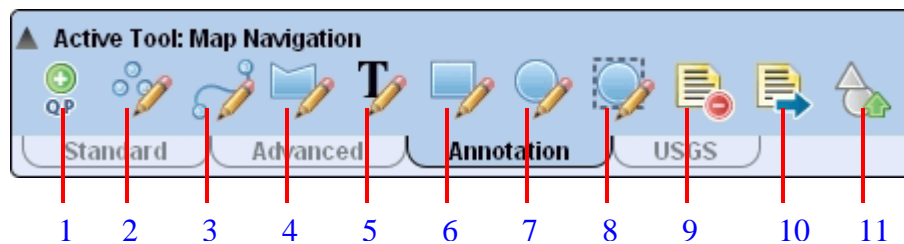
Standard Toolbar

1. The **Hide** arrow is for closing the toolbar so you can see more of the map display.

2. The **Map Navigation** button gives you the ability to pan the map display.

3. The **Identify** button allows you to view attribute information for features.

4. The **Find Coordinates** button assists you in finding the coordinates of a particular location.

5. The **Reverse Geocode** button allows you to find an address by clicking on the map display if data is available for that location or scale.

6. The **Clear Graphics** button allows you to clear any graphics or markups that you have created on the map display

7. The **Zoom to Globe** button returns the basemap to full screen.

8. The **Zoom to Last Extent** button returns the basemap to the previous selected zoom.

Advanced Toolbar

1. The **Measure Distance** tool allows you to measure the distance between two or more points on the map display.

2. The **Measure Area** tool allows you to measure the area on the map display.

3. The **Add Data** tool allows you to add ArcGIS Server, Keyhole Markup Language (KML), Really Simple Syndication (RSS), Web Map Service (WMS), and ArcIMS Internet map server (IMS) data to the map display.

4. The **Query Builder** tool allows you to build and run a query and create filters.

5. The **Filter Manager** tool allows you to view any currently enabled filters and to delete, save, and load filters.

6. The **Selection Manager** tool allows you to choose certain attributes to display by selecting and deselecting within the selection manager window.

7. The **Buffer by Point** tool creates a buffer around a point and selects the user-specified features contained within that buffered region. *Note: This tool will be available in the near future.*

8. The **Buffer by Selection** tool creates a buffer around selected features on the map display. *Note: This tool will be available in the near future.*

9. The **Range Ring** tool creates a range ring from a user-specified point on the map display.
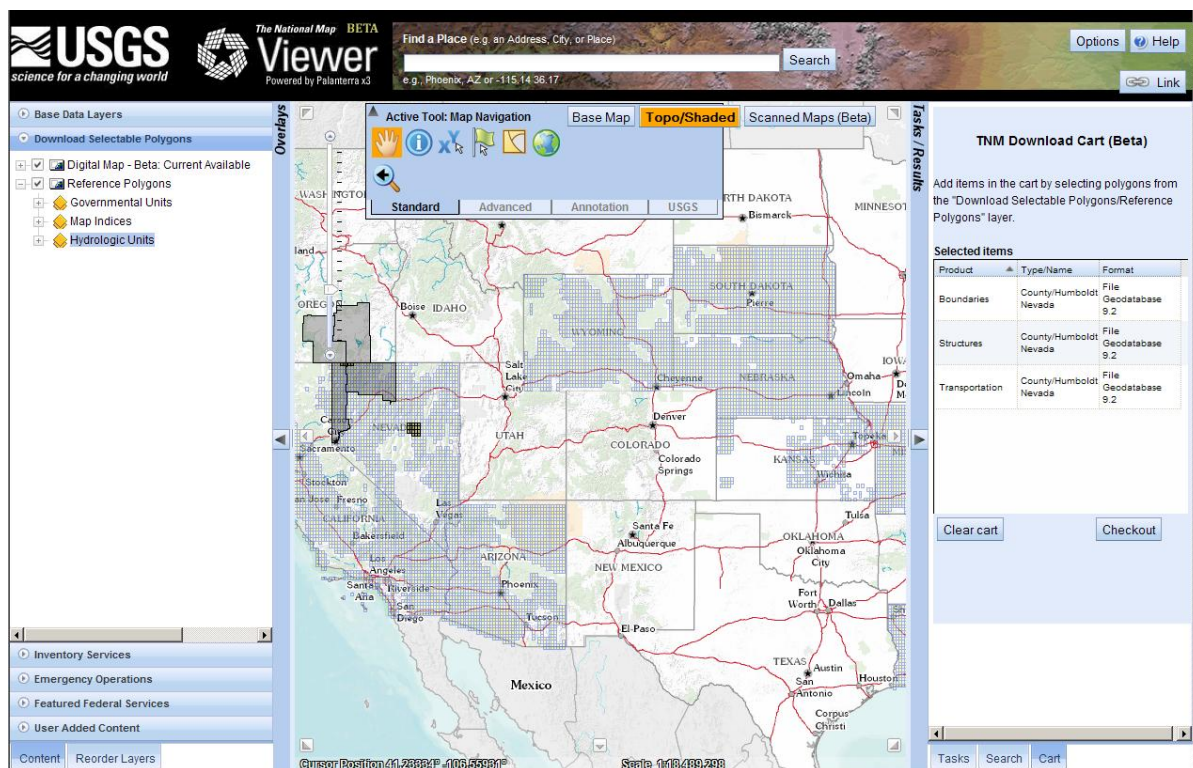
Annotation Toolbar

1. The **Quick Plot** tool allows you to place a point on a specified location within the basemap.

2. The **Draw Point** button allows you to draw a point at a desired location on the map display

3. The **Draw Line** button allows you to draw a line at a desired location on the map display.

4. The **Draw Polygon** button allows you to draw a polygon at a desired location on the map display.

5. The **Draw Text** button allows you to enter text, sometimes called a **Map Note**, at a desired location on the map display.

6. The **Draw Rectangle** button allows you to draw a rectangle at a desired location on the map display.

7. The **Draw Ellipse** button allows you to draw an ellipse at a desired location on the map display.

8. The **Draw Bound Ellipse** button allows you to draw a bound ellipse at a desired location on the map display.

9. The **Delete Annotations** button allows you to clear the annotations that have been made on the map display.

10. The **Export Annotations** button allows you to export the annotations that have been made on the map display.

11. The **Upload Shapefile** tool allows you to upload a shapefile to the Viewer.

USGS Toolbar

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1. The **Spot Elevation** tool will present elevation in feet and in meters when you click on any part of the map display. If you click on the triangle, a window will pop up, exhibiting elevation and the source.
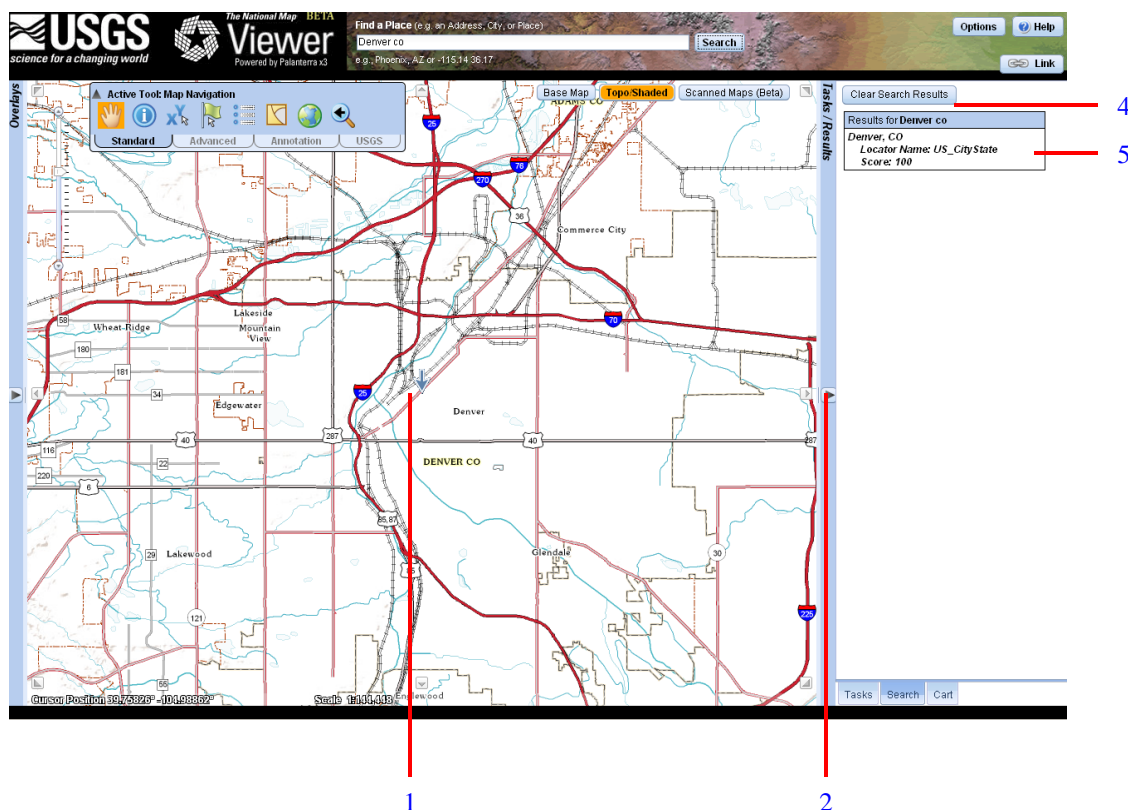
Overlays and Tasks/Results Panes

The accordion panels in The National Map Viewer are menus that can expand or collapse to let you interact with and analyze your data within the basemap.

- The **Overlays** pane, which is the left pane in your browser, is an accordion container that is a collection of accordion panels. You may click layers that display on the basemap on or off or right click each layer to receive more information or options.

- The **Tasks/Results** pane, which is the right pane in your browser, is a collection of title panes. Search information will display here as well as the **Download Cart,** as pictured above.

Any number of these panels can be visible at one time or none. Each panel can be visible and hidden by clicking the title bar of the panel.

Searching

You may locate any of the following by entering it in the **Find a Place** text box.

- City and/or State
- Latitude and Longitude
  - Note: Please enter the latitude first, followed by a space and the longitude.
- Addresses *(Future search option)*
- Landmark *(Future search option)*
- Kml file

Click the **Search** button Search .

1. An arrow appears on the map display.

2. This expands and collapses the **Tasks/Results** pane.

3. The results from the search appear in the **Tasks/Results** pane under the **Search Results** panel.

   *Note: Each search result is returned with a **Locator Name** and **Score** value. The **locator name** is the name of the locator that found the result. The **score** is a percentage value that indicates the accuracy of the search result.*

4. Click the **Clear Search Results** button Clear Search Results to clear the search results returned from the **Find a Place** search.